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wherein "B" and "C" are spacer groups comprising C₂ to C₂₀ hydrocarbyl groups, and R¹ and R² independently comprise an alkali metal, a hydrogen, or a C₁ to C₂₀ alkyl group to produce an aromatic bisphenol; and reacting the aromatic bisphenol with a carbonate precursor. Claim 46 depends from Claim 45 and includes all of the limitations therein.

To anticipate a claim under 35 U.S.C. § 102, a single source must contain all of the elements of the claim. *Lewmar Marine Inc. v. Barient, Inc.*, 827 F.2d 744, 747, 3 U.S.P.Q.2d 1766, 1768 (Fed. Cir. 1987), *cert. denied*, 484 U.S. 1007 (1988).

For an obviousness rejection to be proper, the Examiner must meet the burden of establishing a prima facie case of obviousness. *In re Fine*, 5 U.S.P.Q.2d 1596, 1598 (Fed. Cir. 1988). Establishing a prima facie case of obviousness requires that all elements of the invention be disclosed in the prior art. *In Re Wilson*, 165 U.S.P.Q. 494, 496 (C.C.P.A. 1970).

Yamana fails to disclose a method of making polycarbonates using a functionalized mesoporous zeolite catalyst of the type described above. Moreover, there is no suggestion of using the functionalized mesoporous zeolite catalyst as claimed by Applicants.

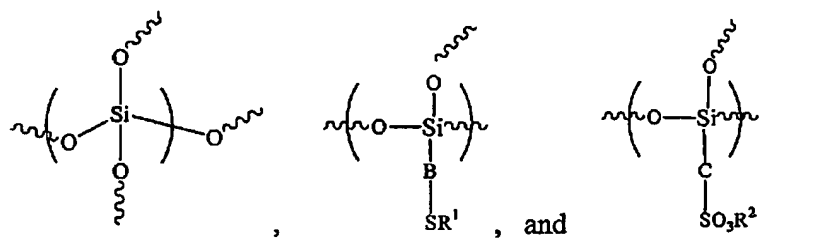
In view of the foregoing, the rejection is requested to be withdrawn.

Claim Rejections Under 35 U.S.C. § 103(a)

The Examiner has rejected Claims 1-5, 7, 10, and 12-17 under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,331,500 to Tsuji et al. (Tsuji).

With regard to Claim 1 and claims dependent thereon, the Tsuji reference neither teaches nor suggests a functionalized *mesoporous* zeolite composition comprising structural units of the formulae:

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wherein "B" and "C" are spacer groups comprising C₂ to C₂₀ hydrocarbyl groups, and R¹ and R² independently comprise an alkali metal, a hydrogen, or a C₁ to C₂₀ alkyl group.

With regard to Claim 10 and claims dependent thereon, the Office Action alleges that Tsuji et al. at Column 7, lines 55-65 teaches that the molecular sieves may include further functionalization with a metal or metal containing ion including aluminum or titanium. However, upon a careful reading of Tsuji, this reference actually discloses "further functionalization may include the formation of a coordination complex between the incorporated organic moiety and a metal or metal-containing ion". As such, Tsuji fails to teach or suggest functionalized zeolites comprising structural units of the formulae (IV) or (V) as claimed by Applicants.

In view of the foregoing, Applicants respectfully request that the rejections of claims 1-5, 7, 10, and 12-17 be withdrawn.


It is believed that the foregoing amendments and remarks fully comply with the Office Action and place the application in condition for immediate allowance, which action is earnestly solicited.

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If there are any additional charges with respect to this Amendment or otherwise, please charge them to Deposit Account No. 07-0893 maintained by Assignee.

Respectfully submitted,

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